

PCT

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Koji HASHIMOTO et al.

Appl. No : 10/538,059 (U.S. National Stage of PCT/JP2004/003024)

I.A. Filed : March 9, 2004

For : DATA BROADCAST REPRODUCTION CONTROLLER, METHOD  
FOR CONTROLLING DATA BROADCAST REPRODUCTION,  
DATA BROADCAST REPRODUCTION CONTROL PROGRAM  
AND RECORDING MEDIUM RECORDING THE SAME

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
U.S. Patent and Trademark Office  
Customer Service Window, Mail Stop AMENDMENT  
Randolph Building  
401 Dulany Street  
Alexandria, VA 22314  
Sir:

In accordance with the duty of disclosure under 37 C.F.R. §1.56 and §§1.97-1.98, Applicants hereby bring the following information to the attention of the Examiner in charge of the above-identified application, which includes information cited in an International Search Report that issued in connection with International Patent Application No. PCT/JP2004/003024, of which the present application is the U.S. National Stage Application. Copies of the International Search Report (in English and Japanese) were enclosed with the papers when entering the U.S. National Stage on June 9, 2005. The Examiner is requested to review these materials to inspect the relevance indicated during international examination with respect to the documents

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cited therein. The following is a list of the documents cited in the above-noted documents:

International Patent Application No. WO 00/27113, together with patent family member European Patent Publication No. EP 1 052 851;

Japanese Laid-Open Patent Publication No. HEI 8-79710, together with an English language Abstract of the same;

An article by Y. WATANABE et al. at page 73 of 2003 Nen The Institute of Electronics, Information and Communication Engineers Sogo Taikai Koen, Ronbunshu, Joho System 2, The institute of Electronics, Information and Communication Engineers, (March 3, 2001), entitled "MPEG-2TS Kiroku ni yoru Trick Play no Ichi Shuho";

An article by K. MORIOKA et al. at pages 71-76 of The Institute of Electronics, Information and Communication Engineers Gijutsu Kenkyu Hokoku, Vol.100, No. 679, The Institute of Electronics, Information and Communication Engineers (August 17, 2001), entitled "Stream no Kuroku Tokushu Saisei ni Taio Shita MPEG 2 MP@HL Decoder LSI";

Japanese Laid-open Patent Publication No. 2001-257989, together with an English language Abstract of the same. Applicants note that this document is cited on page 1 of the above-identified U.S. Patent Application;

Japanese Laid-open Patent Publication No. 2001-352517, together with an English language Abstract of the same;

Japanese Laid-open Patent Publication No. 2002-369137, together with an English language Abstract of the same;

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Japanese Laid-open Patent Publication No. 2002-77820, together with an English language Abstract of the same;

Japanese Laid-open Patent Publication No. 2003-143522, together with an English language Abstract of the same;

Japanese Laid-open Patent Publication No. HEI 10-322672, together with an English language Abstract of the same;

International Patent Application No. WO 00/11864, together with patent family member European Patent Publication No. EP 1 049 331;

Japanese Laid-open Patent Publication No. 2000-358217, together with an English language Abstract of the same and patent family member European Patent Publication No. 1 061 738;

Japanese Laid-open Patent Publication No. HEI 7-505020, together with patent family members International Publication No. WO 93/10605; US Patent Nos. 5,343,239 and 5,526,035;

An article by S. NABESHIMA et al., at pages 236-251 of Lecture Notes in Computer Science, Proceedings of Advanced Multimedia Content Processing, First International Conference, Vol. 1554, Springer, 1999, entitled "Extended Digital Video Broadcasting with Time-Lined Hypermedia";

An article by Y. Kusumi et al., at pages 588-589 of 1998 Nen The Institute of Electronics, Information and Communication Engineers Sogo Taikai Koen Ronbunshu, Joho System 2, The Institute of Electronics, Information and Communication Engineers

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(March 6, 1998), entitled "Digital Hoso ni okeru Intractive TV System DVX no Contents Hyogen to Sono Seisaku Denso"; and

An article by K. SUMIYA et al., at pages 23-30 of Joho Shori Symposium Ronbunshu, Advanced Database Symposium '97, Vol. 97, No.11, Information Processing Society of Japan (December 15, 1997), entitled "Digital Hoso Interactive Data Haishin no tame no Carouselgata Soshutsu Hoshiki DVX to sono Oyo".

Further to 37 C.F.R. §1.98 (a)(2)(ii), copies of the U.S. patent are not enclosed herewith. However, if any copies are needed, the Examiner is respectfully requested to contact the undersigned.

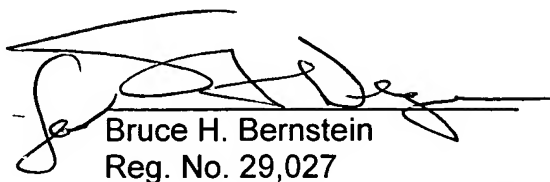
Except for the U.S. patent documents, copies of the above-noted documents are enclosed together with a duly completed Form PTO-1449. The Examiner is accordingly requested to consider each of these documents, and to make them of record in this application by initialing in the appropriate spaces on the Form PTO-1449. Applicants respectfully request that the Examiner include a copy of the initialed Form PTO-1449 with the next communication from the U.S. Patent and Trademark Office.

Applicants note that an Office Action on the merits has not issued in the present application, and thus, no fee is believed necessary to ensure consideration of the submitted material.

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Should there be any questions, the Examiner is invited to contact the undersigned at the below-listed telephone number.

Respectfully submitted,  
Koji HASHIMOTO et al.

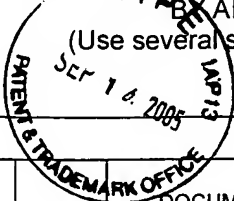


Bruce H. Bernstein  
Reg. No. 29,027

Steven Wegman  
Reg. No. 31,438

September 13, 2005  
GREENBLUM & BERNSTEIN, P.L.C.  
1950 Roland Clarke Place  
Reston, VA 20191  
(703) 716-1191

FORM PTO-1449	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. P28000	Application No. 10/538,059
<b>INFORMATION DISCLOSURE STATEMENT</b> BY APPLICANT (Use several sheets if necessary)		Applicant Koji HASHIMOTO et al.	
		Filing Date March 9, 2004	Group Unknown



## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5 3 4 3 2 3 9	08/30/94	LAPPINGTON et al.			
	5 5 2 6 0 3 5	06/11/96	LAPPINGTON et al.			

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	00 / 0 2 7 1 1 3	05/11/00	W.I.P.O			
	1 0 5 2 8 5 1	11/15/00	E.P.O			
2001	- 2 5 7 9 8 9	09/21/01	JAPAN			
	8 - 7 9 7 1 0	03/22/98	JAPAN			
2001	- 3 5 2 5 1 7	12/21/01	JAPAN			
2002	- 3 6 9 1 3 7	12/20/02	JAPAN			
2002	- 7 7 8 2 0	03/15/02	JAPAN			
2003	- 1 4 3 5 2 2	05/16/03	JAPAN			
10	- 3 2 2 6 7 2	04/12/98	JAPAN			
00	/ 1 1 8 6 4	03/02/00	W.I.P.O			
	1 0 4 9 3 3 1	11/02/00	E.P.O			
2000	- 3 5 8 2 1 7	12/26/00	JAPAN			
	1 0 6 1 7 3 8	12/20/00	E.P.O			
93	/ 1 0 6 0 5	05/27/93	W.I.P.O			
7	- 5 0 5 0 2 0	06/01/95	JAPAN			

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

1	An article by Y. WATANABE et al. at page 73 of 2003 Nen The Institute of Electronics, Information and Communication Engineers Sogo Taikai Koen, Ronbunshu, Joho System 2, The Institute of Electronics, Information and Communication Engineers, (March 3, 2001), entitled "MPEG-2TS Kiroku ni yoru Trick Play no Ichi Shuho".
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3	An article by S. NABESHIMA et al., at pages 236-251 of Lecture Notes in Computer Science, Proceedings of Advanced Multimedia Content Processing, First International Conference, Vol. 1554, Springer, 1999, entitled "Extended Digital Video Broadcasting with Time-Lined Hypermedia".
4	An article by Y. Kusumi et al., at pages 588-589 of 1998 Nen The Institute of Electronics, Information and Communication Engineers Sogo Taikai Koen Ronbunshu, Joho System 2, The Institute of Electronics, Information and Communication Engineers (March 6, 1998), entitled "Digital Hoso ni okeru Intractive TV System DVX no Contents Hyogen to Sono Seisaku Denso".

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*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Department of Commerce  
Patent and Trademark Office

Atty. Docket  
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Application No.  
10/538,059

~~BY APPLICANT~~

(Use several sheets if necessary)

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

[illegible]

	5	An article by K. SUMIYA et al., at pages 23-30 of Joho Shori Symposium Ronbunshu, Advanced Database Symposium '97, Vol. 97, No.11, Information Processing Society of Japan (December 15, 1997), entitled "Digital Hoso Interactive Data Haishin no tame no Carouselgata Soshutsu Hoshiki DVX to sono Oyo".
	6	English Language Abstract of JP 8-79710. ✓
	7	English Language Abstract of JP 2001-257989.
	8	English Language Abstract of JP 2001-352517.
	9	English Language Abstract of JP 2002-369137.
	10	English Language Abstract of JP 2002-77820.
	11	English Language Abstract of JP 2003-143522.
	12	English Language Abstract of JP 10-322672.
	13	English Language Abstract of JP 2000-35217.

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